Draft Storm Design Manual Revisions

This is a complete set of the draft stormwater design and specifications manual. All textual changes have been noted in colored text. The multiple colors are just different staff here at AMEC who compiled the corrections and comments, they do not reflect differences in types of comments. Formatting changes are not highlighted. The scope of the changes includes grammatical changes, minor clarifications, deletions and significant changes in text. The following revisions should be noted:

- Chapter 100 – All definitions have been moved to this section. A few have been added for clarification purposes in the manual.

- Section 104.02 Stormwater Quality – Floatables have been added to the water quality standards. Fecal bacteria and land use related pollutants may also be required to be addressed on a case by case basis. Chapter 700 provides additional details for the control of floatables and bacteria.

- Section 104.03 Redevelopment Guidelines – This section was added to amplify the need to address runoff quantity and quality in redeveloping areas and to provide food for thought regarding ways to lessen the impact of these types of projects.

- Section 104.04 Green Development Incentives – This section was added to provide information on incentives that would encourage the use of green development techniques. A supplementary document that will not be part of the standards will be developed and posted on the website.

- Section 201.06 Downstream Analysis – Many changes to this section have been made to clarify when these analyses are required.

- Sections 201.07 and 201.08 have been deleted.

- Section 204.03 has been deleted as regression equations are not applicable in Marion County anymore.

- Section 302 – Detention requirements have been altered to reflect the need to control smaller storms from developed sites.

- Chapters 400 and 500 – Concrete channel linings have been removed. These are no longer an acceptable method of channel design in Marion County.

- Chapter 700 – Additional guidance is provided for control of floatables and bacteria.